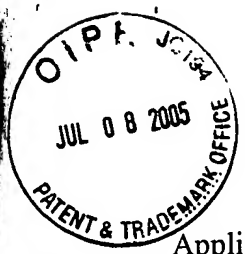


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Zhaowei Liu  
Serial No. : 10/619,588  
Filed : July 16, 2003  
Title : METHOD AND SYSTEM FOR COMPARATIVE GENOMICS FOR CLOSELY  
RELATED ORGANISMS USING TEMPERATURE GRADIENT  
ELECTROPHORESIS

Art Unit : 1743  
Examiner : Unknown

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This statement is being filed before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

July 6, 2005

Julius C. Fister, III, Ph.D.  
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**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 16969-036001	Application No. 10/619,588
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Zhaowei Liu	
		Filing Date July 16, 2003	Group Art Unit 1743

### U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,734,058	3/31/1998	Lee			
	AB	5,935,522	8/1/1999	Swerdlow et al.			
	AC	6,017,704	1/25/2000	Herman et al.			
	AD	6,265,171	7/24/2001	Herman et al.			
	AE	2002/0012902	1/31/2002	Fuchs et al.			
	AF	2002/0042060	4/1/2002	Raees et al.			

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AG	EP 0 329 341	08/1989	Europe				
	AH	WO 97/40184	10/30/1997	PCT				
	AI	WO 02/31199	4/18/2002	PCT				

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AJ	Gao et al., "High-Throughput Detection of Unknown Mutations by Using Multiplexed Capillary Electrophoresis With Poly(vinylpyrrolidone) Solution", <i>Analytical Chemistry</i> , 72:11 pp. 2499-2506 (2000)
	AK	Germer et al., "High-Throughput SNP Allele-Frequency Determination in Pooled DNA Samples by Kinetic PCR", <i>Genome Research</i> , 10:258-266 (2000)
	AL	Hoogendoorn, et al., "Cheap, accurate and rapid allele frequency estimation of single nucleotide polymorphisms by primer extension and DHPLC in DNA pools", <i>Hum Genet</i> , 107:488-493 (2000)
	AM	Igloi, Gabor L., "Automated Detection of Point Mutations by Electrophoresis in Peptide-Nucleic Acid-Containing Gels", <i>BioTechniques</i> , 27:798-808 (1999)
	AN	Mohlke et al., "High-throughput screening for evidence of association by using mass spectrometry genotyping on DNA pools", <i>PNAS</i> , Vol. 99, No. 26, pp. 16928-16933 (2002)
	AO	Neve et al., "Short Technical Report: Rapid SNP Allele Frequency Determination in Genomic DNA Pools by Pyrosequencing <sup>TM</sup> ", <i>BioTechniques</i> , Vol. 32, No. 5, pp. 1138-1142 (2002)
	AP	Norton et al., "Universal, robust, highly quantitative SNP allele frequency measurement in DNA pools", <i>Hum Genet</i> , 110:471-478 (2002)
	AQ	Ray et al., "Peptide nucleic acid (PNA): its medical and biotechnical applications and promise for the future", <i>Department of Physical Chemistry, Chalmers University of Technology</i> , S 412 96, Gothenburg, Sweden, pp. 1041-1060
	AR	Sasaki et al., "Precise Estimation of Allele Frequencies of Single-Nucleotide Polymorphisms by a Quantitative SSCP Analysis of Pooled DNA", <i>Am. J. Hum. Genet.</i> , 68:214-218 (2001)

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 16969-036001	Application No. 10/619,588
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Zhaowei Liu	
		Filing Date July 16, 2003	Group Art Unit 1743

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AS	Wartell et al., "Detecting single base substitutions, mismatches and bulges in DNA by temperature gradient gel electrophoresis and related methods", <i>Journal of Chromatography</i> , pp. 169-185 (1998)
	AT	Wiese et al., "Scanning for mutations in the human prion protein open reading frame by temporal temperature gradient gel electrophoresis", <i>Electrophoresis</i> , pp. 1851-1860 (1995)
	AU	Zhou et al., "Quantitative detection of single nucleotide polymorphisms for a pooled sample by a bioluminometric assay coupled with modified primer extension reactions (BAMPER)", <i>Nucleic Acids Research</i> , Vol. 29, No. 19 e93, pp. 1-11 (2001)
	AV	entries for "Peltier Effect", "thermoelectric heating", "thermoelectric cooling" and "thermoelectric cooler" in the McGraw-Hill Encyclopedia of Science & Technology Online. Downloaded on June 6, 2005

Examiner Signature	Date Considered
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